

EAST Search History**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|------------------------|------------------|---------|------------------|
| S62 | 0 | (("1812311" "2582189" "2718348" "3000492" "3027060" "3281050" "4177935" "4291829" "5080044" "5271551" "5699959").PN.).PN. | US-PGPUB; USPAT; USOOR | OR | OFF | 2010/03/05 17:16 |
| S35 | 40 | (("0055709" "1271033" "1653116" "1948083" "2377989" "2568204" "2800893" "3511429" "3533547" "3547337" "3659774" "3670948").PN. OR ("4417686").URPN. | US-PGPUB; USPAT; USOOR | OR | ON | 2009/09/24 08:51 |
| S84 | 25 | (("0492305" "1826104" "1923089" "1963677" "2665026" "2807402" "3279677" "3301460" "3734280" "3804234" "4062448" "4223827" "5071026" "5439110" "5518111").PN. OR ("5624032").URPN. | US-PGPUB; USPAT; USOOR | OR | OFF | 2010/03/10 08:41 |
| S29 | 61 | (("0538879" "0601245" "1693906" "2718326" "2970715" "2974788" "3101652" "3327885" "3353704" "3416694" "3428207" "3517852" "3628684" "3752385" "3817372" "4029209" "4410099" "4499997" "4635810" "4844279" "4899874").PN. OR ("5071026").URPN. | US-PGPUB; USPAT; USOOR | OR | ON | 2009/09/15 15:57 |

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| S4 | 235 | ("1150489" "1239223" "1803028" "1826104" "1856729" "1909898" "1910074" "2284283" "2298209" "2327709" "2386905" "2395364" "2396168" "2437667" "2456841" "2538860" "2551814" "2596087" "2654474" "2655304" "2676750" "2741399" "2809775" "2827222" "2865553" "2939624" "2954914" "3038600" "3038602" "3057535" "3058585" "3098583" "3114493" "3115247" "3137109" "3139981" "3156358" "3163322" "3270875" "3281180" "3297191" "3317234" "3331500" "3352475" "3369728" "3383827" "3394800" "3424368" "3454157" "3474590" "3521741" "3525466" "3528697" "3601439" "3670950" "3680765" "3734392" "3762627" "3825170" "3868140" "3881648" "3897873" "3926307" "3927824" "3938731" "4007869" "4029207" "4037777" "4064989" "4101052" "4105152" "4109787" "4139146" "4180191" "4190149" "4259827" "4273273" "4291829" "4305500" "4318474" "4318476" "4326628" "4372598" "4378878" "4378879" "4392607" "4394905" "4401212" "4432579" "4453630" "4621734" "4621766" "4736977" "4850478" "4911300" "4925020" "4936455" "4953782" "4981254" "5005759" "5020661" "5046662" "5058735" "5072876" "5125506" "5139137" "5186321" "5205477" | US-PPGPUB; USPAT; USOGR | OR | ON | 2009/09/15 12:10 |
|----|-----|--|-------------------------------|----|----|---------------------|

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| | | "5323895" "5328024" "5351815" "5445262" "5476170" "5485914" "5487463" "5487464" "5590776" "5845776"). PN. OR ("1693906" "2318957" "2582189" "2597848" "3170616" "3827550" "4717070" "4981254" "5271551" "5699959" "5845776" "6250542" "6702115"). URPN. | | | | |
| S31 | 45 | ("1150489" "1856729" "1909898" "2284283" "2327709" "2396168" "2596087" "2655304" "2676750" "2741399" "3057535" "3058585" "3114493" "3521741" "3525466" "3762627" "3927824" "3938731" "4007869").PN. OR ("4981254").URPN. | US-PGPUB; USPAT; USOOR | OR | ON | 2009/09/24 08:32 |
| S83 | 16 | ("1176932" "2665026" "2755923" "3904036" "3994432" "5009314" "5071026" "5328024"). PN. OR ("5439110").URPN. | US-PGPUB; USPAT; USOOR | OR | OFF | 2010/03/10 08:39 |
| S81 | 35 | ("1236589" "2510591" "3106308" "3297191" "3360180" "4044910" "5439110" "5538153"). PN. OR ("5699926").URPN. | US-PGPUB; USPAT; USOOR | OR | OFF | 2010/03/10 08:34 |
| S11 | 17 | ("1239223" "1910074" "2939624" "4259827" "4291829" "5005759" "5205477").PN. OR ("5699959").URPN. | US-PGPUB; USPAT; USOOR | OR | ON | 2009/09/15 12:39 |
| S53 | 17 | ("1239223" "1910074" "2939624" "4259827" "4291829" "5005759" "5205477").PN. OR ("5699959").URPN. | US-PGPUB; USPAT; USOOR | OR | ON | 2009/09/24 13:29 |

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| S71 | 28 | ("1352759" "1812311" "2125313" "2744622" "2919844" "3089631" "3167235" "3682597" "3709325" "3987892" "4848563" "4865200" "5057282" "5318753" "5335846" "5462171").PN. OR ("5720390").URPN. | US-PGPUB; USPAT; USOOR | OR | OFF | 2010/03/10 08:13 |
| S28 | 34 | ("1482727" "1693906" "1812311" "2116431" "2421748" "2597848" "2901155" "4331287" "4349147" "4582198" "4871067" "4886164" "4981254" "5005759" "5199634" "5657872" "5915617" "5950911" "6082614" "6598785" "D162988" "D227191" "D395004" "D396133" "D427117").PN. OR ("D528926").URPN. | US-PGPUB; USPAT; USOOR | OR | ON | 2009/09/15 15:55 |
| S76 | 34 | ("1482727" "1693906" "1812311" "2116431" "2421748" "2597848" "2901155" "4331287" "4349147" "4582198" "4871067" "4886164" "4981254" "5005759" "5199634" "5657872" "5915617" "5950911" "6082614" "6598785" "D162988" "D227191" "D395004" "D396133" "D427117").PN. OR ("D528926").URPN. | US-PGPUB; USPAT; USOOR | OR | OFF | 2010/03/10 08:27 |
| S26 | 34 | ("1482727" "1693906" "1812311" "2116431" "2421748" "2597848" "2901155" "4331287" "4349147" "4582198" "4871067" "4886164" "4981254" "5005759" "5199634" "5657872" "5915617" "5950911" "6082614" "6598785" "D162988" "D227191" "D395004" "D396133" "D427117").PN. OR ("D533078").URPN. | US-PGPUB; USPAT; USOOR | OR | ON | 2009/09/15 15:51 |

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|-----|----|--|------------------------|----|-----|------------------|
| S67 | 34 | ("1482727" "1693906" "1812311" "2116431" "2421748" "2597848" "2901155" "4331287" "4349147" "4582198" "4871067" "4886164" "4981254" "5005759" "5199634" "5657872" "5915617" "5950911" "6082614" "6598785" "D162988" "D227191" "D395004" "D396133" "D427117").PN. OR ("D533078").URPN. | US-PGPUB; USPAT; USOOR | OR | OFF | 2010/03/10 08:08 |
| S27 | 5 | ("1693906").URPN. | USPAT | OR | ON | 2009/09/15 15:54 |
| S66 | 5 | ("1693906").URPN. | USPAT | OR | OFF | 2010/03/10 08:07 |
| S3 | 18 | ("1693906" "2318957" "2582189" "2597848" "3170616" "3827550" "4717070" "4981254" "5271551" "5699959" "5845776" "6250542" "6702115").PN. | US-PGPUB; USPAT; USOOR | OR | ON | 2009/09/15 12:10 |
| S69 | 11 | ("1812311" "2665049" "3228518" "3682597" "4294358" "4512511" "4624032").PN. OR ("5765687").URPN. | US-PGPUB; USPAT; USOOR | OR | OFF | 2010/03/10 08:11 |
| S73 | 11 | ("1812311" "2665049" "3228518" "3682597" "4294358" "4512511" "4624032").PN. OR ("5765687").URPN. | US-PGPUB; USPAT; USOOR | OR | OFF | 2010/03/10 08:18 |
| S25 | 8 | ("1812311").URPN. | USPAT | OR | ON | 2009/09/15 15:51 |
| S68 | 8 | ("1812311").URPN. | USPAT | OR | OFF | 2010/03/10 08:10 |
| S63 | 11 | ("1812311" "2582189" "2718348" "3000492" "3027060" "3281050" "4177935" "4291829" "5080044" "5271551" "5699959").PN. | US-PGPUB; USPAT | OR | OFF | 2010/03/05 17:16 |

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| S98 | 42 | ("1826197" "2319924" "2721689" "2809775" "2893621" "3197108" "3520468" "3623650" "3695219" "3899121").URPN. | US-PGPUB; USPAT; USOOR | OR | OFF | 2010/03/10 11:24 |
| S74 | 22 | ("1899529" "2865075" "3018534" "3820203" "3955248" "4525903").PN. OR ("4624032").URPN. | US-PGPUB; USPAT; USOOR | OR | OFF | 2010/03/10 08:18 |
| S87 | 1 | ("1948041").URPN. | USPAT | OR | OFF | 2010/03/10 08:49 |
| S57 | 23 | ("1973930" "2718348" "2986078" "3027060" "3281050" "3726467" "3744702" "3829000" "3873017" "3979045").PN. OR ("4177935").URPN. | US-PGPUB; USPAT; USOOR | OR | ON | 2009/09/24 13:56 |
| S60 | 23 | ("1973930" "2718348" "2986078" "3027060" "3281050" "3726467" "3744702" "3829000" "3873017" "3979045").PN. OR ("4177935").URPN. | US-PGPUB; USPAT; USOOR | OR | ON | 2009/09/24 14:02 |
| S23 | 13 | ("1981731" "2872032" "3002609" "3048323" "3136410" "3462020").PN. OR ("5842568").URPN. | US-PGPUB; USPAT; USOOR | OR | ON | 2009/09/15 15:19 |
| S2 | 0 | ("2009/0173773").URPN. | USPAT | OR | ON | 2009/09/15 11:42 |
| S8 | 143 | ("2252235" "2298209" "2299625" "2330699" "2397376" "2397716" "2437667" "2650128" "2654474" "2737326" "2823063" "2823064" "2828047" "3038600" "3038602" "3046711" "3073644" "3085683" "3137109" "3139981" "3156358" "3281180" "3317234" "3331500" "3383827" "3394800" "3454157" "3528697" "3601439" "3640563" "3674136" "3834750" "3897873" "3926307" "4064989" "4109787" "4180191" "4190149" "4273273" "4305500" "4318476" "4326628" | US-PGPUB; USPAT; USOOR | OR | ON | 2009/09/15 12:27 |

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| | | "4372598" "4378878" "4378879" "4401212" "4432579" "4453630" "4491223" "4621734" "4736977" "4850478" "4925020" "4936455" "4974771" "5020661" "5022525" "5058735" "5103971" "5125506" "5139137" "5186321" "5320216" "5323895" "5328024" "5351815" "5445262" "5474172" "5476170" "5485914" "5487463" "5487464" "5551566" "5573111" "5590776" "5639137" "5706936" "5711419" "5816391" "5845776" "5878876" "6059099" "Re25781").PN. OR ("5706936" "5845776" "6168012" "6293392").URPN. | | | | |
| S75 | 36 | ("2322345" "2954913" "3142599" "3344973" "3682597").PN. OR ("4434890").URPN. | US-PGPUB; USPAT; USOOR | OR | OFF | 2010/03/10 08:22 |
| S33 | 25 | ("2350932" "3114493" "3899121" "3940053" "4151948" "4347968" "4356952" "4418863" "4546913" "4770339" "4883221" "4884739" "4911355" "5002224" "5458283" "5487505" "5535941" "5649663" "5673848" "5860590" "6116498" "6158652" "6604675").PN. OR ("6899266").URPN. | US-PGPUB; USPAT; USOOR | OR | ON | 2009/09/24 08:42 |
| S99 | 26 | ("2395364" "2456841" "2551814" "2809775" "2827222" "3352475" "3369728" "3734392" "4139146").PN. OR ("4717070").URPN. | US-PGPUB; USPAT; USOOR | OR | OFF | 2010/03/10 11:29 |
| S50 | 6 | ("2577304").URPN. | USPAT | OR | ON | 2009/09/24 12:52 |
| S100 | 2 | ("2582189").PN. | US-PGPUB; USPAT; USOOR | OR | OFF | 2010/03/10 11:39 |

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|------|----|---|------------------------|----|-----|------------------|
| S85 | 0 | ("2582189").URPN. | USPAT | OR | OFF | 2010/03/10 08:47 |
| S86 | 0 | ("2582189").URPN. | USPAT | OR | OFF | 2010/03/10 08:48 |
| S101 | 0 | ("2582189").URPN. | USPAT | OR | OFF | 2010/03/10 11:45 |
| S59 | 1 | ("2718348").URPN. | USPAT | OR | ON | 2009/09/24 14:02 |
| S44 | 2 | ("2739754").URPN. | USPAT | OR | ON | 2009/09/24 12:28 |
| S10 | 11 | ("2865553" "2954914" "3270875" "4037777" "4392607" "4953782" "5046662").PN. OR ("5271551").URPN. | US-PGPUB; USPAT; USOOR | OR | ON | 2009/09/15 12:33 |
| S96 | 2 | ("2917220").PN. | US-PGPUB; USPAT; USOOR | OR | OFF | 2010/03/10 11:20 |
| S97 | 1 | ("2917220").URPN. | USPAT | OR | OFF | 2010/03/10 11:21 |
| S18 | 20 | ("2973119").URPN. | USPAT | OR | ON | 2009/09/15 13:06 |
| S17 | 6 | ("3000492").URPN. | USPAT | OR | ON | 2009/09/15 13:02 |
| S64 | 6 | ("3000492").URPN. | USPAT | OR | OFF | 2010/03/05 17:26 |
| S61 | 2 | ("3027060").PN. | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/09/24 15:29 |
| S49 | 8 | ("3027060").URPN. | USPAT | OR | ON | 2009/09/24 12:50 |
| S66 | 8 | ("3027060").URPN. | USPAT | OR | ON | 2009/09/24 13:56 |
| S34 | 11 | ("3079058" "3162351" "4056223" "4236664" "4417686" "5002221" "5261594" "5294044" "5333777").PN. | US-PGPUB; USPAT; USOOR | OR | ON | 2009/09/24 08:45 |
| S32 | 17 | ("3114493").URPN. | USPAT | OR | ON | 2009/09/24 08:38 |
| S92 | 16 | ("3178093" "3493722" "3494536" "3727824" "3861581" "4266715" "4266716").PN. OR ("4372477").URPN. | US-PGPUB; USPAT; USOOR | OR | OFF | 2010/03/10 09:12 |
| S91 | 32 | ("3178093").URPN. | USPAT | OR | OFF | 2010/03/10 09:06 |

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|-----|-----|--|------------------------|----|-----|------------------|
| S58 | 12 | ("3281050").URPN. | USPAT | OR | ON | 2009/09/24 13:58 |
| S82 | 14 | ("3297191").URPN. | USPAT | OR | OFF | 2010/03/10 08:37 |
| S54 | 13 | ("3581977" "4014292" "4164314" "4501226" "4548160" "4628863" "4779567" "4782788" "4800842").PN. OR ("5080044").URPN. | US-PGPUB; USPAT; USOOR | OR | ON | 2009/09/24 13:34 |
| S70 | 38 | ("3682597").URPN. | USPAT | OR | OFF | 2010/03/10 08:12 |
| S72 | 38 | ("3682597").URPN. | USPAT | OR | OFF | 2010/03/10 08:16 |
| S7 | 4 | ("5706936" "5845776" "6168012" "6293392").PN. | US-PGPUB; USPAT; USOOR | OR | ON | 2009/09/15 12:26 |
| S22 | 1 | ("5842568").PN. | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/09/15 15:19 |
| S88 | 2 | ("825133").URPN. | USPAT | OR | OFF | 2010/03/10 08:53 |
| S89 | 2 | ("825133").URPN. | USPAT | OR | OFF | 2010/03/10 09:01 |
| S24 | 12 | ((("1812311") or ("2116431") or ("6082614") or ("2597848") or ("4582198") or ("5005759") or ("5842568") or ("1960947"))).PN. | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/09/15 15:47 |
| S20 | 6 | ((("3403839") or ("3827550") or ("5842568") or ("1960947") or ("3403839") or ("3827550")).PN. | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/09/15 13:13 |
| S90 | 3 | ((("4372477") or ("3178093")).PN. | US-PGPUB; USPAT; USOOR | OR | OFF | 2010/03/10 09:06 |
| S1 | 23 | ((PATRICK) near2 (BLIN)).INV. | US-PGPUB; USPAT; USOOR | OR | ON | 2009/09/15 11:41 |
| S77 | 149 | (220/512).OCLS. | US-PGPUB; USPAT; USOOR | OR | OFF | 2010/03/10 08:30 |

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|-----|------|--|------------------------------|----|-----|---------------------|
| S52 | 148 | (229/103.3).OCLS. | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/09/24 13:22 |
| S65 | 6034 | (229/103.3).OCLS. (229/117.16).OCLS. (229/117.16).OCLS. (229/117.17).OCLS. (229/125.03).OCLS. (229/125.26).OCLS. (229/125.28).OCLS. (229/127).OCLS. (229/138).OCLS. (229/165).OCLS. (229/166).OCLS. (229/172).OCLS. (229/185.1).OCLS. (229/185.1).OCLS. (229/190).OCLS. (229/192).OCLS. (229/193).OCLS. (229/199).OCLS. (229/904).OCLS. (229/919).OCLS. 206/427 | US-PGPUB; USPAT | OR | OFF | 2010/03/10 08:05 |
| S45 | 0 | (229/1117.17).OCLS. | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/09/24 12:40 |
| S13 | 587 | (229/117.16).OCLS. | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/09/15 12:52 |
| S47 | 587 | (229/117.16).OCLS. | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/09/24 12:43 |
| S46 | 277 | (229/117.17).OCLS. | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/09/24 12:41 |
| S15 | 64 | (229/125.03).OCLS. | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/09/15 12:53 |
| S12 | 291 | (229/125.26).OCLS. | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/09/15 12:52 |
| S19 | 263 | (229/125.28).OCLS. | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/09/15 13:10 |
| S37 | 418 | (229/127).OCLS. | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/09/24 10:28 |
| S36 | 369 | (229/138).OCLS. | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/09/24 09:20 |

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|-----|------|-------------------|------------------------------|----|-----|---------------------|
| S65 | 490 | (229/165).OCLS. | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/09/24 13:40 |
| S43 | 130 | (229/166).OCLS. | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/09/24 12:26 |
| S61 | 377 | (229/172).OCLS. | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/09/24 13:20 |
| S16 | 267 | (229/185.1).OCLS. | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/09/15 12:56 |
| S48 | 267 | (229/185.1).OCLS. | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/09/24 12:49 |
| S38 | 1127 | (229/190).OCLS. | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/09/24 12:10 |
| S39 | 323 | (229/192).OCLS. | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/09/24 12:12 |
| S40 | 821 | (229/193).OCLS. | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/09/24 12:16 |
| S42 | 1302 | (229/199).OCLS. | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/09/24 12:24 |
| S21 | 262 | (229/904).OCLS. | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/09/15 13:31 |
| S41 | 271 | (229/919).OCLS. | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/09/24 12:20 |
| S30 | 1971 | 206/427 | US-PGPUB; USPAT; USOOR | OR | ON | 2009/09/17 09:48 |
| S95 | 3 | 220/dig S81.ocls. | US-PGPUB; USPAT | OR | OFF | 2010/03/10 09:14 |
| S94 | 0 | 220/dig2.ocls. | US-PGPUB; USPAT | OR | OFF | 2010/03/10 09:14 |
| S14 | 4 | S12 and S13 | US-PGPUB; USPAT; USOOR | OR | ON | 2009/09/15 12:52 |

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|----|----|--|------------------------|----|----|------------------|
| S6 | 14 | US-1693906-\$.DID. OR US-2318957-\$.DID. OR US-2582189-\$.DID. OR US-2597848-\$.DID. OR US-3170616-\$.DID. OR US-3827550-\$.DID. OR US-4717070-\$.DID. OR US-5845776-\$.DID. OR US-6702115-\$.DID. | US-PGPUB; USPAT; USOOR | OR | ON | 2009/09/15 12:14 |
| S5 | 6 | US-5271551-\$.DID. OR US-4981254-\$.DID. OR US-6250542-\$.DID. OR US-5699959-\$.DID. OR US-2912526-\$.DID. | US-PGPUB; USPAT; USOOR | OR | ON | 2009/09/15 12:11 |
| S9 | 4 | US-5706936-\$.DID. OR US-5845776-\$.DID. OR US-6168012-\$.DID. OR US-6293392-\$.DID. | US-PGPUB; USPAT; USOOR | OR | ON | 2009/09/15 12:28 |

3/10/2010 3:23:53 PM

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